Cohesion BIOSCIENCES

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Product Data Sheet

Recombinant Human APEX2 Protein

Catalog #	Source	Reactivity	Applications
CST1264	E. coli	H	

Description	Recombinant Human APEX2 Protein is produced by E. coli expression system and the target gene encoding Val351-Leu460 is expressed with C-terminus His tag.
Form	Liquid in a 0.2 µm filtered solution of PBS, pH 7.4.
Gene Symbol	APEX2
Alternative Names	APE2; APEXL2; XTH2; DNA-(apurinic or apyrimidinic site) lyase 2; AP endonuclease XTH2; APEX nuclease 2; APEX nuclease-like 2; Apurinic-apyrimidinic endonuclease 2; AP endonuclease 2
Entrez Gene	27301
SwissProt	Q9UBZ4
Purity	
Chemical Structure	VLEQSTLQHN NQTRVQTCQN KAQVRSTRPQ PSQVGSSRGQ KNLKSYFQPS PSCPQASPDI ELPSLPLMSA LMTPKTPEEK AVAKVVKGQA KTSEAKDEKE LRTSFWKSVL
Quality Control	
Directions for Use	Always centrifuge tubes before opening. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Storage/Stability	Store it at -20°C to -80°C for one year. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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